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(54) **TIRE AIR PRESSURE MAINTENANCE  
DEVICE**

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(52) **U.S. Cl.**  
CPC ..... **B60C 23/003** (2013.01)

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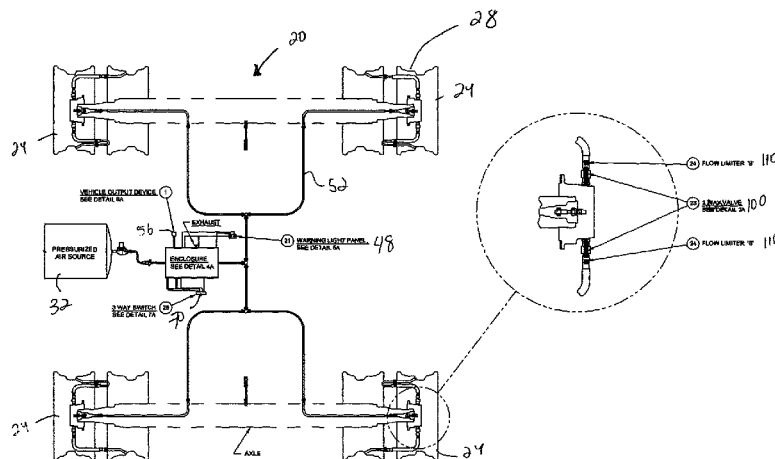
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(57) **ABSTRACT**

A tire pressure maintenance device is shown and described. The tire pressure maintenance device may include a sensor mechanism configured to detect at least one predetermined condition of a vehicle. The tire pressure maintenance device may also include a control mechanism operatively coupled with the sensor mechanism, the control mechanism applying a predetermined pressure to a tire of the vehicle in response to the predetermined condition.

**5 Claims, 4 Drawing Sheets**



MULTIPLE SETTING SYSTEM LAYOUT  
REV 20130228